

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022965.D
 Acq On : 30 Nov 2022 00:26
 Operator : CG/JU
 Sample : N5671-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20221115

Quant Time: Nov 30 03:12:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6641	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	17637	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	8645	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	17195	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	9262	0.400	ng	# 0.00
35) Perylene-d12	24.115	264	6175	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1709	0.099	ng	0.00
5) Phenol-d6	7.204	99	1445	0.066	ng	0.00
8) Nitrobenzene-d5	9.228	82	4844m	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	10378	0.271	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	86	0.021	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	14974	0.379	ng	0.00
27) Fluoranthene-d10	19.469	212	13142	0.281	ng	0.00
31) Terphenyl-d14	20.067	244	9511	0.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	20806	2.469	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	476	0.032	ng	# 84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

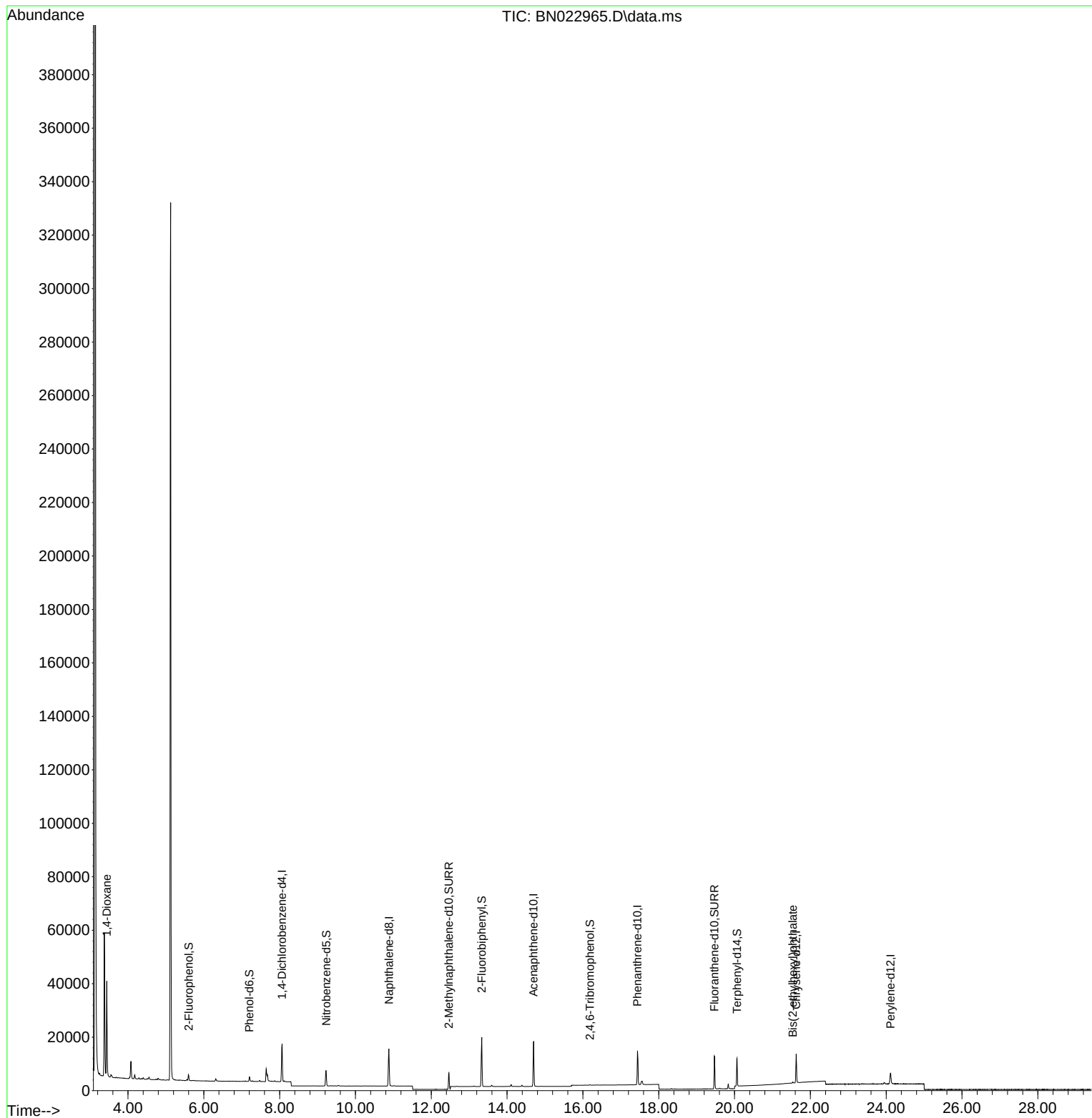
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022965.D
Acq On : 30 Nov 2022 00:26
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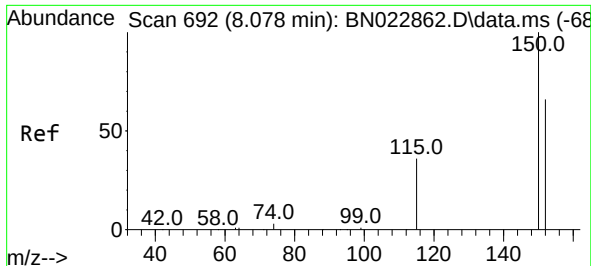
Instrument :
BNA_N
ClientSampleId :
RE108D1-20221115

Quant Time: Nov 30 03:12:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Manual Integrations
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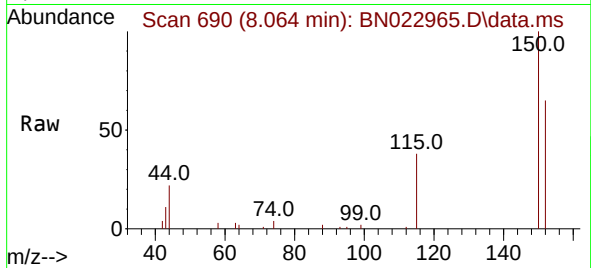
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: BN022965.D
 Acq: 30 Nov 2022 00:26

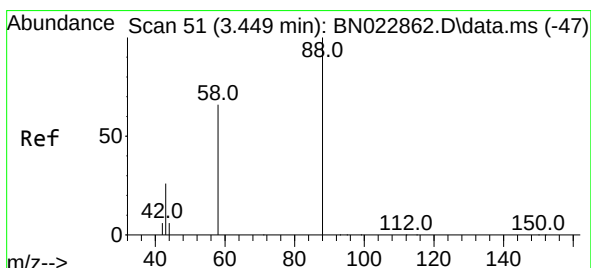
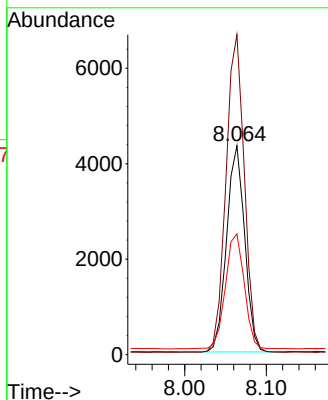
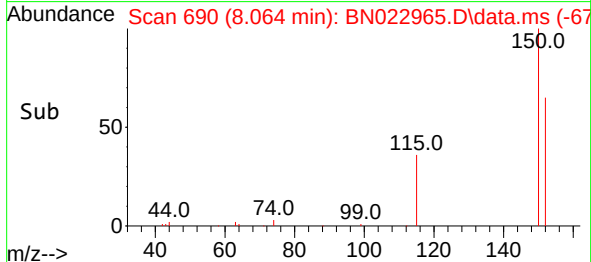
Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20221115



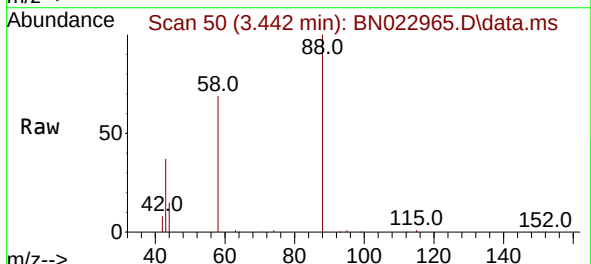
Tgt Ion: 152 Resp: 664
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.2 181.8
 115 57.8 46.2 69.4

Manual Integrations
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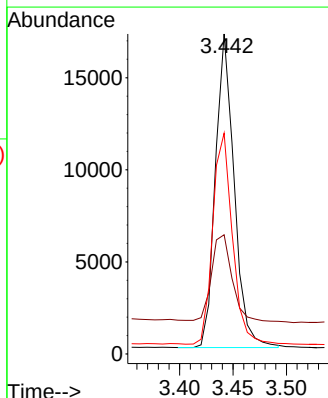
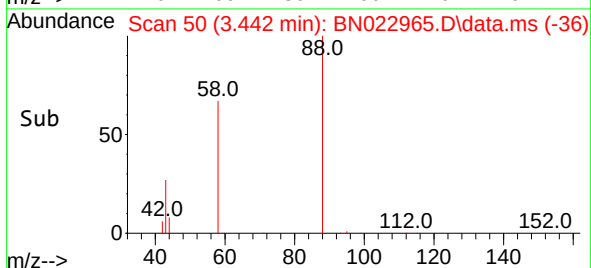
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

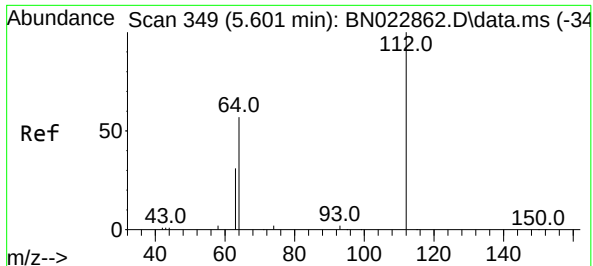


#2
 1,4-Dioxane
 Concen: 2.469 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022965.D
 Acq: 30 Nov 2022 00:26



Tgt Ion: 88 Resp: 20806
 Ion Ratio Lower Upper
 88 100
 43 29.9 25.4 38.2
 58 70.3 56.5 84.7





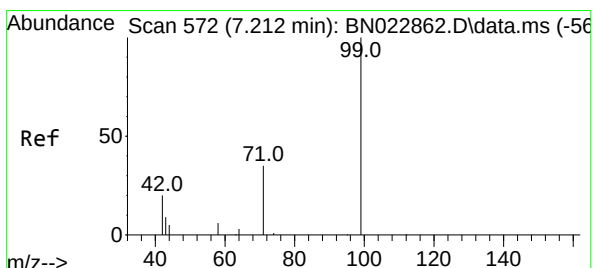
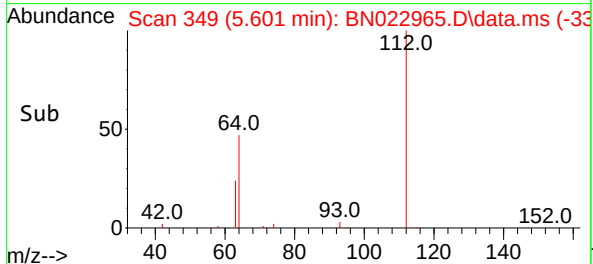
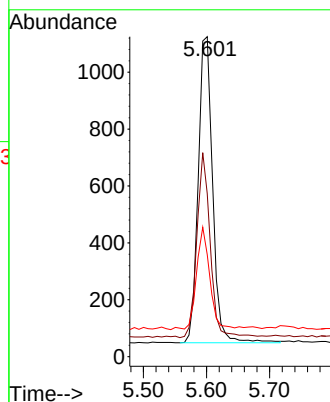
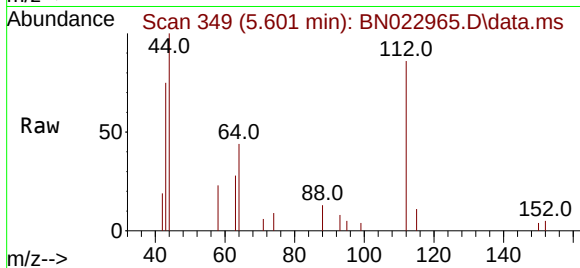
#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

Instrument :
BNA_N
ClientSampleId :
RE108D1-20221115

Tgt Ion: 112 Resp: 1709
Ion Ratio Lower Upper
112 100
64 56.1 43.4 65.2
63 30.8 23.4 35.2

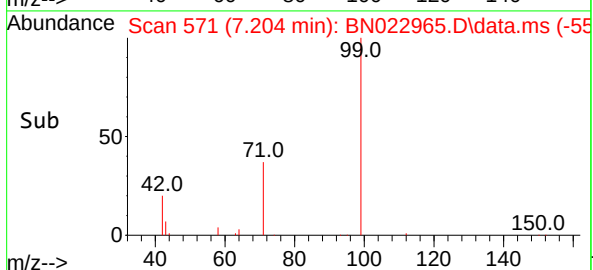
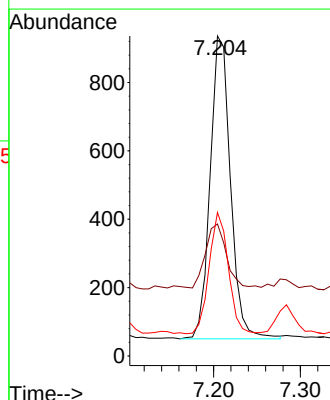
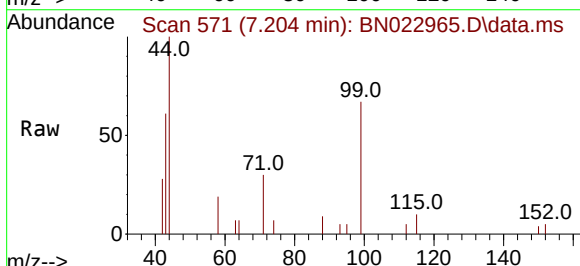
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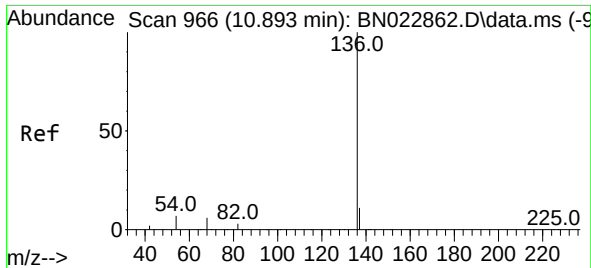
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Supervised By :mohammad ahmed 12/01/2022



#5
Phenol-d6
Concen: 0.066 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

Tgt Ion: 99 Resp: 1445
Ion Ratio Lower Upper
99 100
42 22.4 16.0 24.0
71 37.8 26.8 40.2





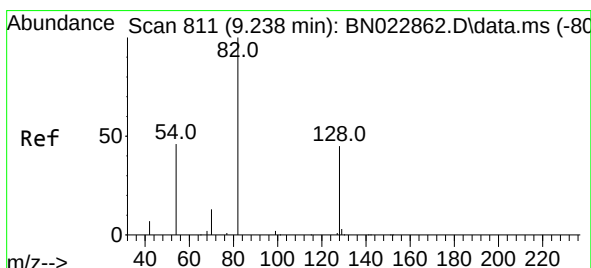
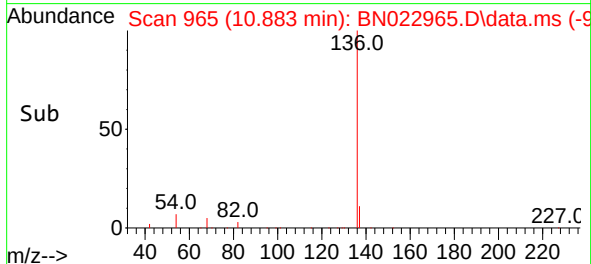
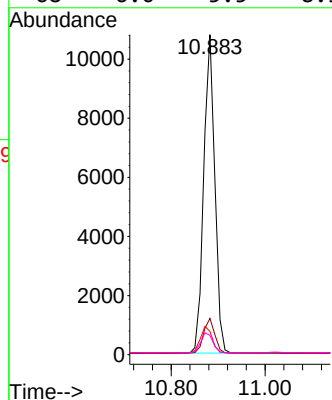
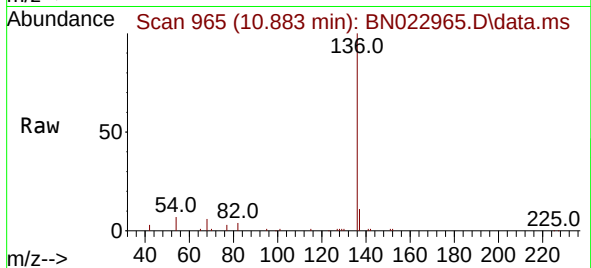
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

Instrument :
BNA_N
ClientSampleId :
RE108D1-20221115

Tgt Ion:136 Resp: 1763
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.3 6.6 9.8
68 6.0 5.5 8.3

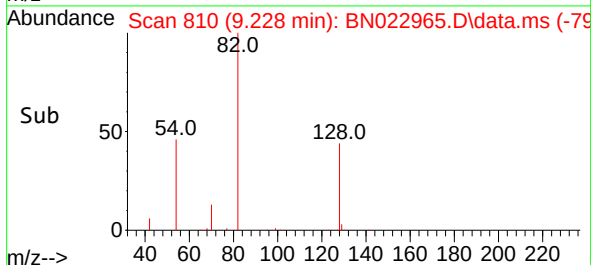
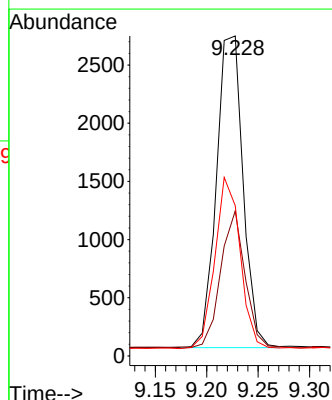
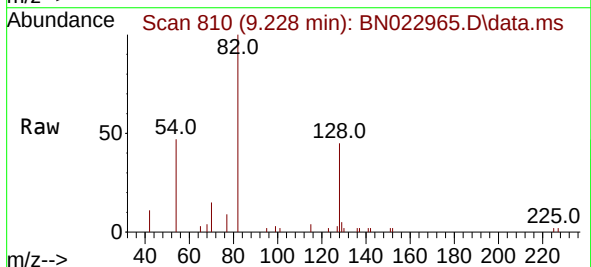
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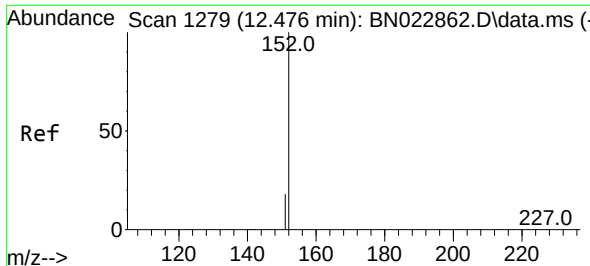
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#8
Nitrobenzene-d5
Concen: 0.354 ng m
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

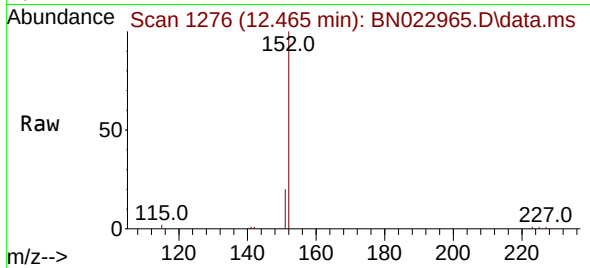
Tgt Ion: 82 Resp: 4844
Ion Ratio Lower Upper
82 100
128 45.3 36.6 54.8
54 46.9 38.5 57.7





#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

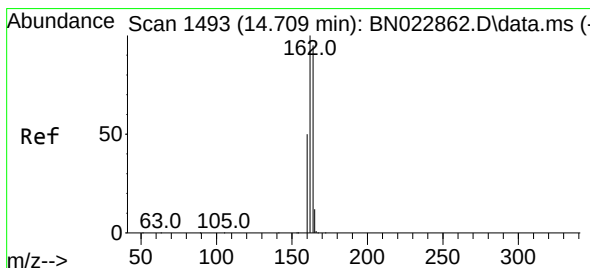
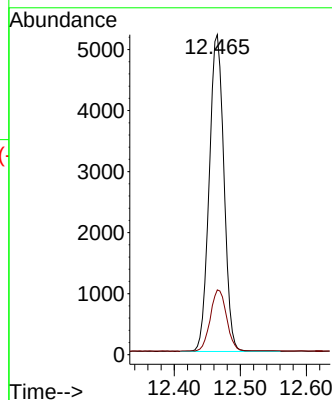
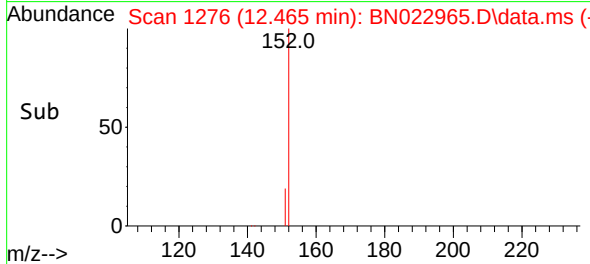
Instrument :
BNA_N
ClientSampleId :
RE108D1-20221115



Tgt Ion:152 Resp: 10378
Ion Ratio Lower Upper
152 100
151 17.7 18.6 27.8

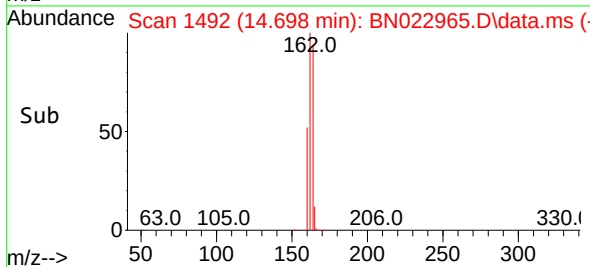
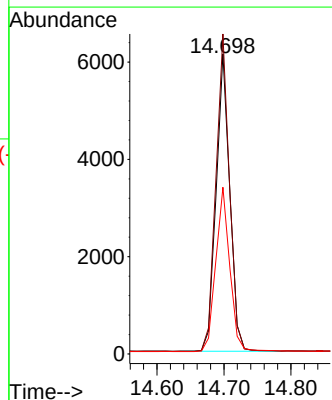
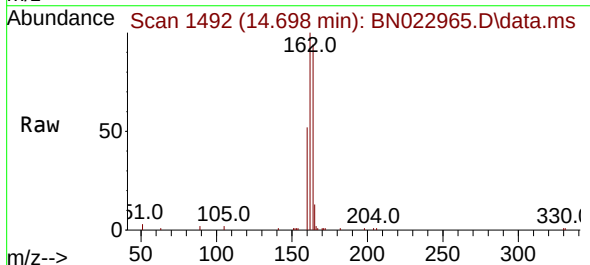
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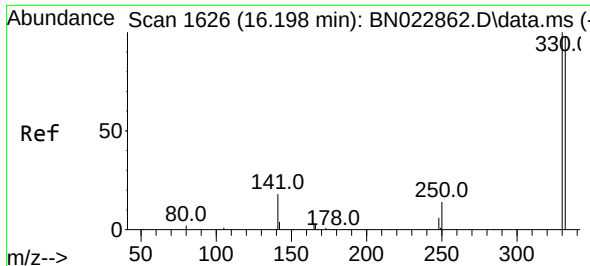
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

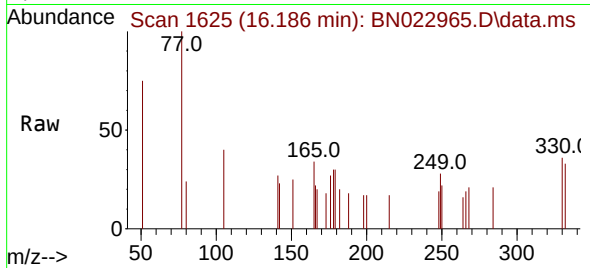
Tgt Ion:164 Resp: 8645
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.4
160 55.6 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.021 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

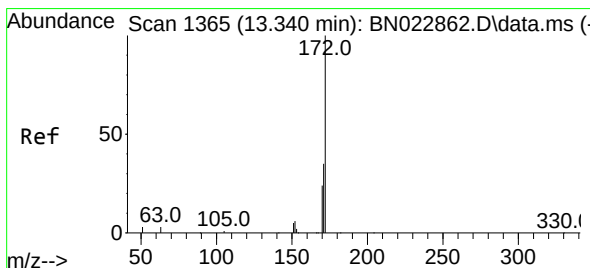
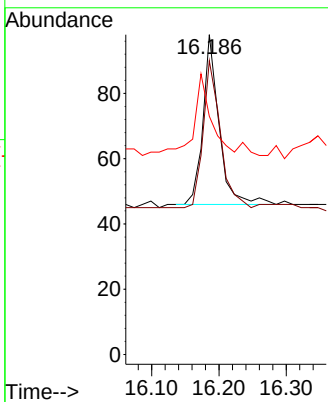
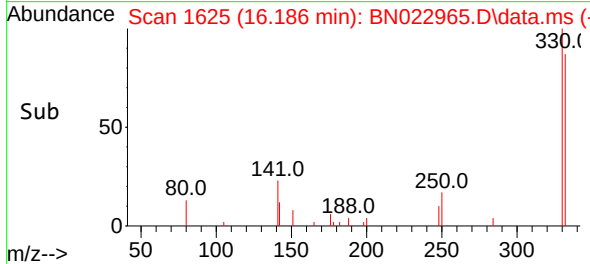
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ClientSampleId :
RE108D1-20221115



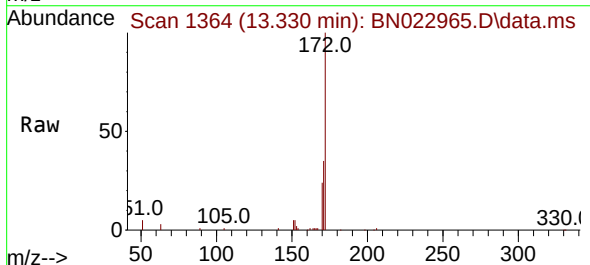
Tgt Ion:330 Resp: 80
Ion Ratio Lower Upper
330 100
332 93.0 76.5 114.7
141 43.0 32.6 48.8

Manual Integrations
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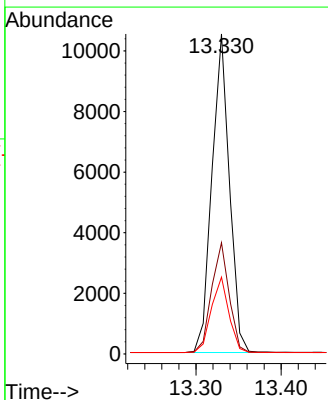
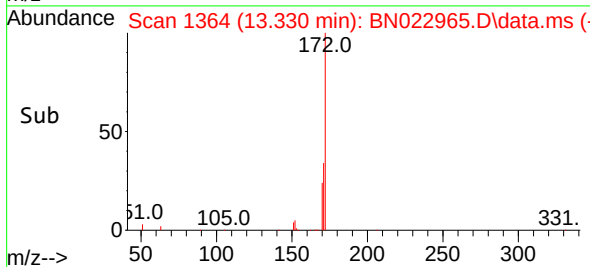
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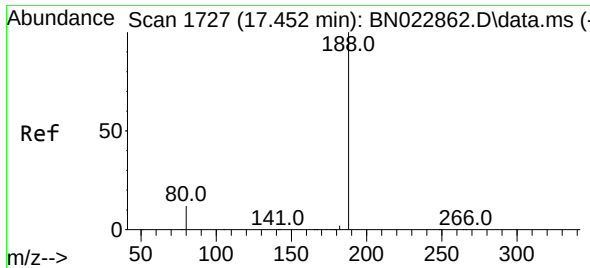


#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26



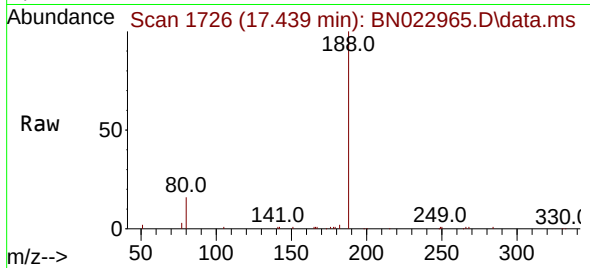
Tgt Ion:172 Resp: 14974
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 24.0 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

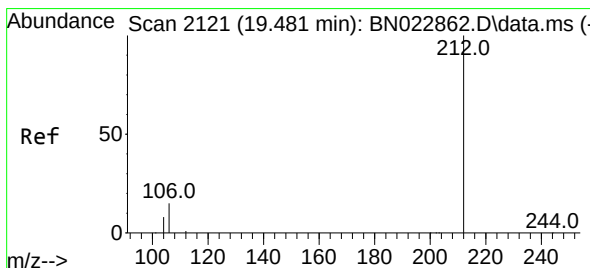
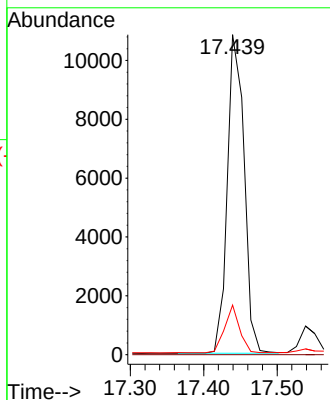
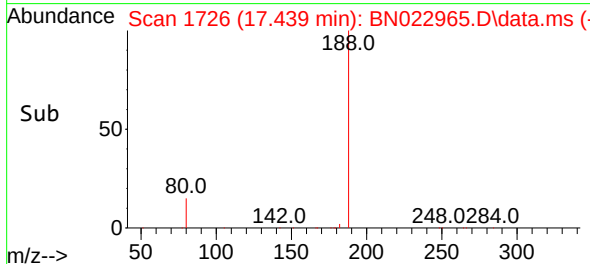
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BNA_N
ClientSampleId :
RE108D1-20221115



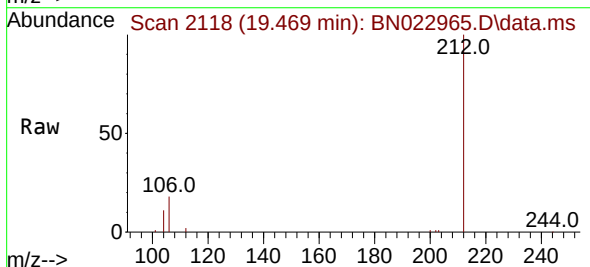
Tgt Ion:188 Resp: 1719
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 10.3 15.5

Manual Integrations
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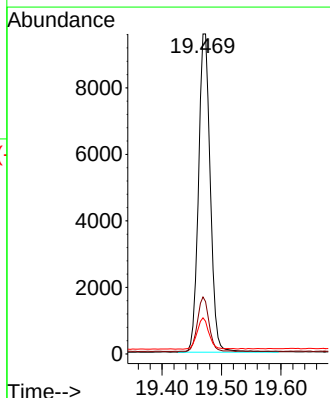
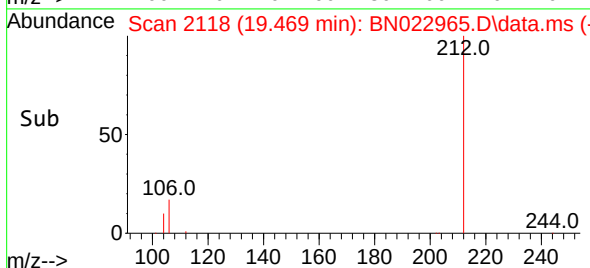
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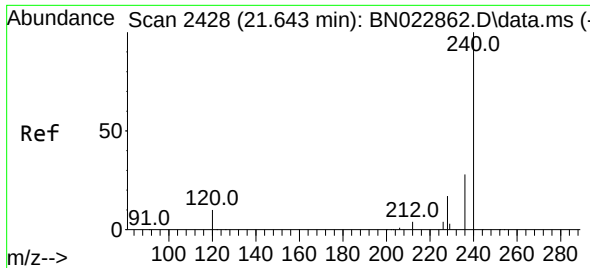


#27
Fluoranthene-d10
Concen: 0.281 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26



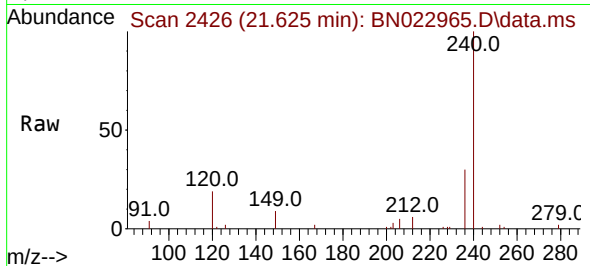
Tgt Ion:212 Resp: 13142
Ion Ratio Lower Upper
212 100
106 16.7 12.3 18.5
104 9.7 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

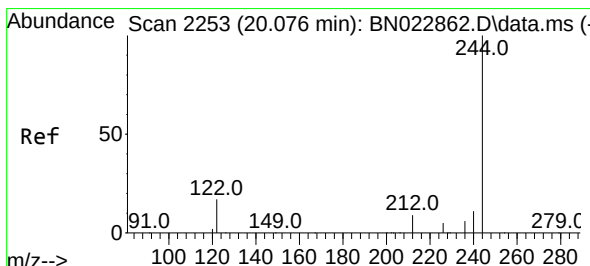
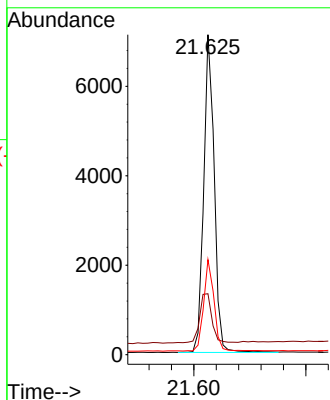
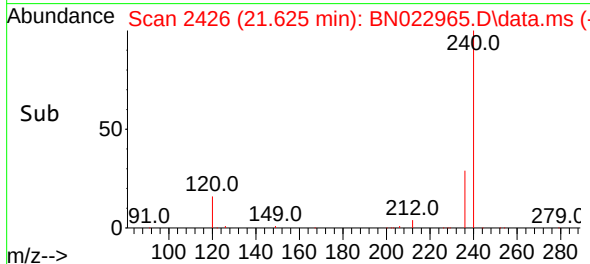
Instrument :
BNA_N
ClientSampleId :
RE108D1-20221115



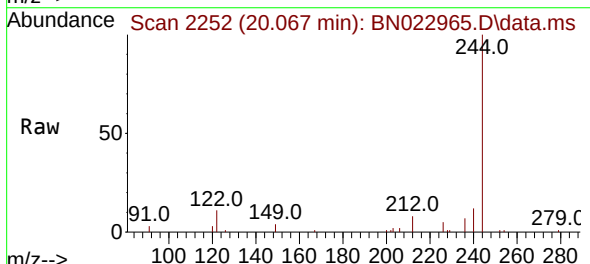
Tgt Ion:240 Resp: 926
Ion Ratio Lower Upper
240 100
120 19.0 9.2 13.8
236 29.7 22.6 34.0

Manual Integrations
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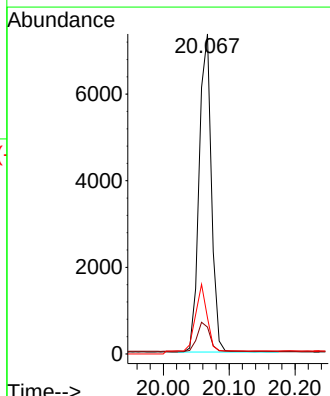
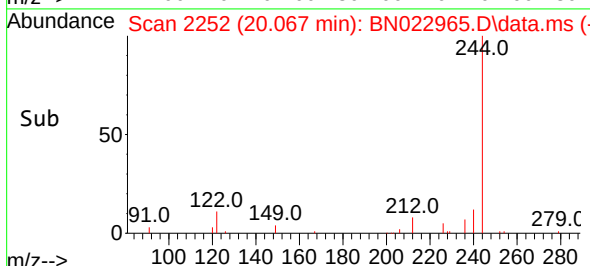
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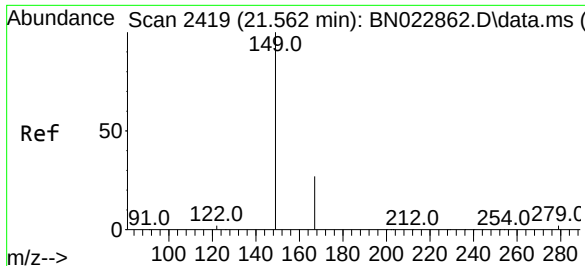


#31
Terphenyl-d14
Concen: 0.437 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26



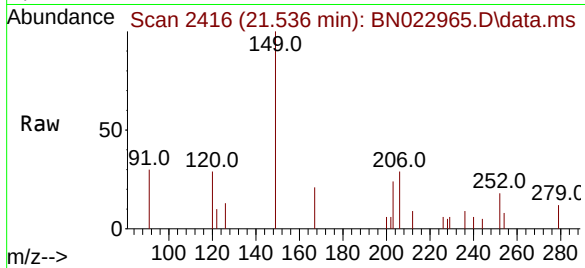
Tgt Ion:244 Resp: 9511
Ion Ratio Lower Upper
244 100
212 8.4 7.9 11.9
122 11.3 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.536 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

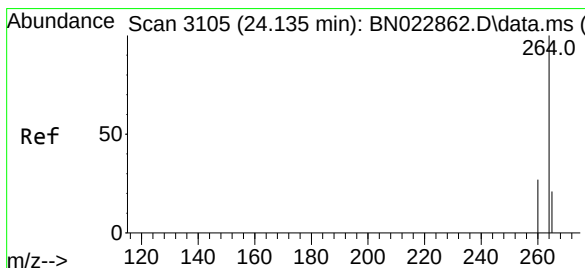
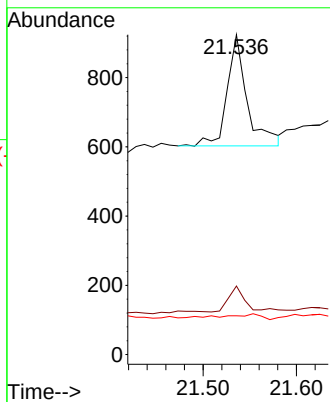
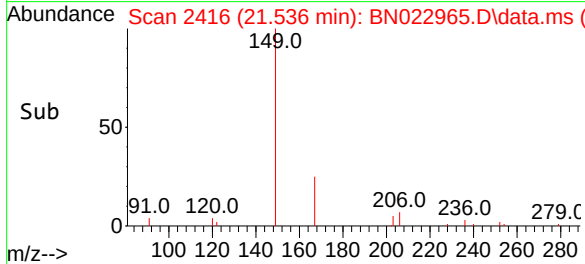
Instrument :
BNA_N
ClientSampleId :
RE108D1-20221115



Tgt Ion:149 Resp: 470
Ion Ratio Lower Upper
149 100
167 18.5 21.3 31.9
279 10.5 2.3 3.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.115 min Scan# 3098
Delta R.T. 0.002 min
Lab File: BN022965.D
Acq: 30 Nov 2022 00:26

Tgt Ion:264 Resp: 6175
Ion Ratio Lower Upper
264 100
260 27.5 21.7 32.5
265 74.2 31.0 46.4

